

CLAIMS:

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1. A fogless mirror shower assembly, comprising a shower surround including one or more fogless mirror assemblies; said fogless mirror assemblies comprising:

a mirror;

a heater pad adjoined to a back surface of the mirror, said heater pad including one or more heating elements and a moisture resistant insulation assembly; and

a water resistant electrical connection assembly including one or more moisture insulated conductor wires operably adjoined to the heating element and a power supply.

2. The fogless mirror shower assembly of claim 1, wherein said mirror comprises a transparent substrate and a reflective coating.

3. The fogless mirror shower assembly of claim 1, wherein said moisture resistant insulation assembly comprises two or more water resistant layers are fused together around the heating element to protect the heating element from moisture.

34. The fogless mirror shower assembly of claim 1, wherein the water resistant layers include a material selected from the group consisting of silicone, fiberglass, silicone composite materials, and fiberglass composite materials.

10/ The fogless mirror shower assembly of claim 1, wherein said moisture resistant insulation assembly includes one or more bladders which substantially encloses said heater element.

6. The fogless mirror shower assembly of claim 1, wherein said moisture resistant insulation assembly includes an inner bladder and an outer bladder, said inner bladder substantially encloses the heating element heater and the outer bladder encloses both the inner bladder and the heating element.

~~8~~ The fogless mirror shower assembly of claim 1, wherein the electrical connection assembly includes a male connector and a female connector.

9. The fogless mirror shower assembly of claim 1, wherein the power supply is a supply selected from the group consisting of a transformer, a battery source or a household electrical supply.

10. The fogless mirror shower assembly of claim 1, wherein the power supply to the fogless mirror is initiated and terminated by a fan or light switch.

~~1011~~. The fogless mirror shower assembly of claim 1, wherein the power supply to the fogless mirror is initiated and terminated by a water faucet.

~~1112~~. A fog resistant mirror for use in a shower surround, comprising:  
a mirror;  
a heater pad adjoined to a back surface of the mirror, said heater pad including one or more heating elements and a moisture resistant insulation assembly; and  
a water resistant electrical connection assembly including one or more moisture insulated conductor wires operably adjoined to the heating element and a power supply.

~~13~~. The fog resistant mirror as claimed in claim ~~12~~, wherein said mirror comprises a transparent substrate and a reflective coating.

~~14~~. The fog resistant mirror of claim ~~12~~, wherein said moisture resistant insulation assembly comprises two or more water resistant layers are fused together around the heating element to protect the heating element from moisture.

~~15~~. The fog resistant mirror of claim 12, wherein the water resistant layers include a material selected from the group consisting of silicone, fiberglass, silicone composite materials, and fiberglass composite materials.

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16. The fog resistant mirror of claim 11, wherein the water resistant layers comprise a material of silicone impregnated with strands of fiberglass.

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17. The fog resistant mirror of claim 11, wherein said moisture resistant insulation assembly includes one or more bladders which substantially encloses said heater element.

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18. The fog resistant mirror of claim 11, wherein said moisture resistant insulation assembly includes an inner bladder and an outer bladder, said inner bladder substantially encloses the heating element heater and the outer bladder encloses both the inner bladder and the heating element.

19. The fog resistant mirror of claim 12, wherein the electrical connection assembly includes a male connector and a female connector.

20. The fogless mirror shower surround of claim 12, wherein the power supply is a supply selected from the group consisting of a transformer, a battery source or a household electrical supply.

21. The fogless mirror shower surround of claim 12, wherein the power supply to the fogless mirror is initiated and terminated by a fan or light switch.

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